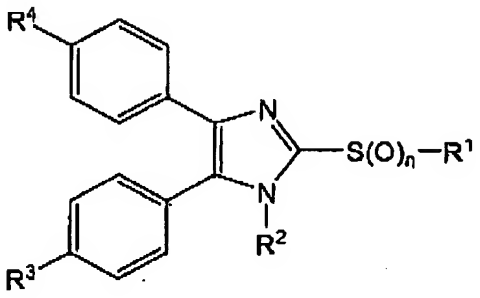
Appl. No.: 10/672,613
Amendment dated July 5, 2005
Reply to Office Action of April 5, 2005

Amendments to the Claims:

1. (Currently amended) A compound of the formula I



in which

R^1 is selected from:

a) $CONR^5R^6$, in which R^5 and R^6 independently of one another are H or C_1-C_6-alkyl;

b) A-$CONR^5R^6$, in which A is C_1-C_6-alkylene which is optionally substituted by C_1-C_3-alkyl-CO, and R^5 and R^6 independently of one another are H, C_1-C_6-alkyl or phenyl which is optionally substituted by one or 2 halogen atoms with the proviso that R^5 and R^6 are not both H;

c) C_1-C_6-alkylene-R^7, where R^7 is NR^5R^6 ~~or is COOR^8~~, and ~~wherein~~ R^5 and R^6 independently of one another are H or C_1-C_6-alkyl ~~and R^8 is H or C_1-C_6-alkyl~~;

d) C_1-C_6-alkylene-CO-R^9, where R^9 is phenyl which is ~~optionally~~ substituted by halogen, or C_2-C_6-alkylene-CO-R^9, where R^9 is phenyl which is optionally substituted by halogen;

e) C_1-C_6-alkylene-NR^{10}-CO-R^{11}, or

f) C_1-C_6-alkylene-NR^{10}-SO^2-R^{12},

R^{10} is H or C_1-C_6-alkyl,

R^{11} is

~~phenyl which is optionally substituted by 1, 2 or 3 substituents, which independently of one another are selected from halogen, CN, NO_2, CF_3, OC_1-C_6-alkyl and C_1-C_6-alkyl,~~

- naphthyl, or

~~C_1-C_6-alkyl which is optionally substituted by 1 or 2 phenyl groups,~~

~~C_2-C_6-alkenyl,~~

- CH=CH-phenyl, ~~or~~

~~NR^5R^6, where R^5 and R^6 independently of one another are H or C_1-C_6-alkyl;~~

R^{12} is

- phenyl which optionally has 1, 2 or 3 substituents which independently of one another are selected from halogen, NO_2, CF_3, OC_1-C_6-alkyl, C_1-C_6-alkyl, NH_2 and $NHCOC_1$-C_3-alkyl,
- C_1-C_6-alkyl which is optionally substituted by one or two phenyl groups, or
- naphthyl,

R^2 is H, C_1-C_6-alkyl or $(CH_2)_oCOOH$,

R^3 and R^4, which can be identical or different, are H, OH, OC_1-C_6-alkyl, halogen or C_1-C_6-alkyl which is substituted by 1, 2 or 3 halogen atoms, where at least one of the radicals R^3 and R^4 is OH or OC_1-C_6-alkyl,

n is 0, 1 or 2 and

o is 0, 1, 2, 3 or 4,

and the optical isomers and physiologically tolerable salts thereof.

2. (Currently amended) A compound as claimed in claim 1, where R^1 is selected from:

a) $CONR^5R^6$, in which R^5 and R^6 independently of one another are H or C_1-C_6-alkyl;

b) A-$CONR^5R^6$, in which A is C_1-C_6-alkylene which is optionally substituted by C_1-C_3-alkyl-CO, and R^5 and R^6 independently of one another are H, C_1-C_6-alkyl or phenyl which is optionally substituted by one or 2 halogen atoms, with the proviso that R^5 and R^6 are not both H;

c) C_1-C_6-alkylene-CO-R^9, where R^9 is phenyl which is ~~optionally~~ substituted by halogen, or C_2-C_6-alkylene-CO-R^9, where R^9 is phenyl which is optionally substituted by halogen;

d) C_1-C_6-alkylene-NR^{10}-CO-R^{11};

e) C_1-C_6-alkylene-NR^{10}-SO^2-R^{12},

R^{11} is naphthyl, ~~C_2-C_6-alkenyl,~~ or CH=CH-phenyl,

and R^2, R^3, R^4, R^{10} and R^{12} have the meaning as indicated in claim 1.

3. (Original) A compound as claimed in claim 1, where both radicals R^3 and R^4 are a C_1-C_6-alkoxy group.

4. (Cancelled)

5. (Original) A compound as claimed in claim 1, where R^1 is A-$CONR^5R^6$ and A, R^5 and R^6 have the meanings indicated in claim 1.

6. (Original) A compound as claimed in claim 1, where R^1 is C_1-C_6-alkylene-CO-R^9, in which R^9 is phenyl which is ~~optionally~~ substituted by halogen.

7. (Previously presented) A compound as claimed in claim 1, where R^1 is C_1-C_6-alkylene-R^7, in which R^7 is NR^5R^6, and R^5 and R^6 have the meanings indicated in claim 1.

8 - 11. (Cancelled)

12. (Currently amended) A compound as claimed in claim 27, where R^{12} is naphthyl or phenyl which has 1, 2 or 3 substituents, which independently of one another are selected from halogen, NO_2, CF_3, OC_1-C_6-alkyl, C_1-C_6-alkyl, NH_2 and $NHCOC_1$-C_3-alkyl.

13. (Currently amended) A compound as claimed in claim 27, where R^{12} is C_1-C_6-alkyl which is optionally substituted by one or two phenyl groups.

14. (Currently amended) A compound as claimed in claim 1, where R^1 is C_1-C_6-alkylene-NR^{10}-CO-R^{11}, in which R^{10} is H or C_1-C_4-alkyl and R^{11} ~~is C_1-C_6-alkyl which is optionally substituted by one or two phenyl groups, or is~~ -CH=CH-phenyl.

15. (Original) A compound as claimed in claim 14, where R^1 is C_1-, C_2- or C_3-alkylene-NR^{10}-CO-R^{11}, in which R^{10} and R^{11} have the meanings indicated in claim 14.

16 - 20. (Cancelled)

21. (Original) A method for treating a disease that is connected with an immune system disorder, comprising administering a pharmaceutical composition comprising at least one compound as claimed in claim 1.

22. (Original) A method for treating inflammation, comprising topically applying a pharmaceutical composition comprising at least one compound as claimed in claim 1.

23. (Original) A procedure for the treatment of diseases which are connected with a disorder of the immune system, where an amount of a compound as claimed in claim 1 having an

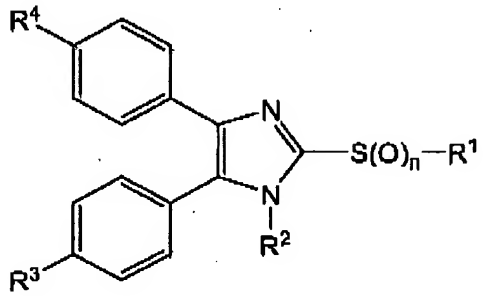
immunomodulating or cyclooxygenase-inhibiting action is administered to a person who needs treatment of this type.

24. (New) A compound as claimed in claim 1, wherein R^1 is C_2-C_6-alkylene-CO-R^9, in which R^9 is phenyl optionally substituted by halogen.

25. (New) A compound as claimed in claim 1, wherein A is C_2-C_6 alkylene which is optionally substituted by C_1-C_3-alkyl-CO.

26. (New) A compound as claimed in claim 1, wherein n is 1 or 2.

27. (New) A compound of the formula I



in which

R^1 is selected from:

a) $CONR^5R^6$, in which R^5 and R^6 independently of one another are H or C_1-C_6-alkyl,

b) C_1-C_6-alkylene-NR^{10}-CO-R^{11}, in which R^{11} is naphthyl, or

c) C_1-C_6-alkylene-NR^{10}-SO^2-R^{12};

R^{10} is H or C_1-C_6-alkyl;

R^{12} is

- phenyl which optionally has 1, 2 or 3 substituents which independently of one another are selected from halogen, NO_2, CF_3, OC_1-C_6-alkyl, C_1-C_6-alkyl, NH_2 and $NHCOC_1$-C_3-alkyl,
- C_1-C_6-alkyl which is optionally substituted by one or two phenyl groups, or
- naphthyl;

R^2 is H, C_1-C_6-alkyl or $(CH_2)_oCOOH$;

R^3 and R^4, which can be identical or different, are H, OH, OC_1-C_6-alkyl, halogen or C_1-C_6-alkyl which is substituted by 1, 2 or 3 halogen atoms, where at least one of the radicals R^3 and R^4 is OH or OC_1-C_6-alkyl;

n is 0, 1 or 2; and

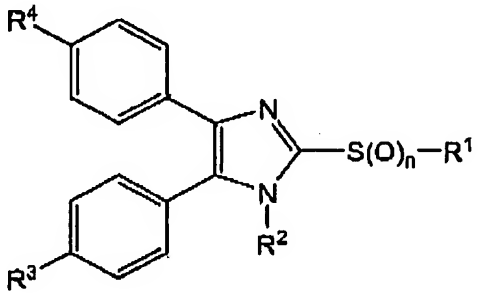
o is 0, 1, 2, 3 or 4;

and the optical isomers and physiologically tolerable salts thereof.

28. (New) A cosmetic composition comprising:

one or more cosmetically acceptable additives; and

at least one compound of the formula I



(I)

in which

R^1 is selected from:

a) $CONR^5R^6$, in which R^5 and R^6 independently of one another are H or C_1-C_6-alkyl;

b) A-$CONR^5R^6$, in which A is C_1-C_6-alkylene which is optionally substituted by C_1-C_3-alkyl-CO, and R^5 and R^6 independently of one another are H, C_1-C_6-alkyl or phenyl which is optionally substituted by one or 2 halogen atoms;

c) C_1-C_6-alkylene-R^7, where R^7 is NR^5R^6 or is $COOR^8$, wherein R^5 and R^6 independently of one another are H or C_1-C_6-alkyl and R^8 is H or C_1-C_6-alkyl;

d) C_1-C_6-alkylene-CO-R^9, where R^9 is phenyl which is optionally substituted by halogen;

e) C_1-C_6-alkylene-NR^{10}-CO-R^{11}; or

f) C_1-C_6-alkylene-NR^{10}-SO^2-R^{12};

R^{10} is H or C_1-C_6-alkyl;

R^{11} is

- phenyl which is optionally substituted by 1, 2 or 3 substituents, which independently of one another are selected from halogen, CN, NO_2, CF_3, OC_1-C_6-alkyl and C_1-C_6-alkyl,
- naphthyl,
- C_1-C_6-alkyl which is optionally substituted by 1 or 2 phenyl groups,
- C_2-C_6-alkenyl,
- CH=CH-phenyl, or
- NR^5R^6, where R^5 and R^6 independently of one another are H or C_1-C_6-alkyl;

R^{12} is

- phenyl which optionally has 1, 2 or 3 substituents which independently of one another are selected from halogen, NO_2, CF_3, OC_1-C_6-alkyl, C_1-C_6-alkyl, NH_2 and $NHCOC_1$-C_3-alkyl,
- C_1-C_6-alkyl which is optionally substituted by one or two phenyl groups, or
- naphthyl;

R^2 is H, C_1-C_6-alkyl or $(CH_2)_oCOOH$;

R^3 and R^4, which can be identical or different, are H, OH, OC_1-C_6-alkyl, halogen or C_1-C_6-alkyl which is substituted by 1, 2 or 3 halogen atoms, where at least one of the radicals R^3 and R^4 is OH or OC_1-C_6-alkyl;

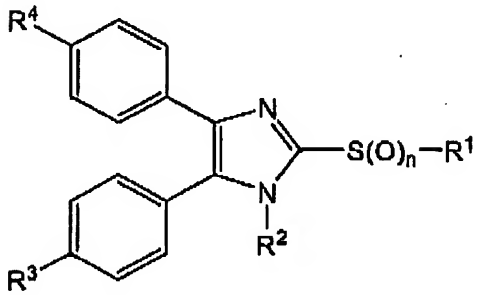
n is 0, 1 or 2; and

o is 0, 1, 2, 3 or 4;

and the optical isomers and physiologically tolerable salts thereof.

29. (New) A cosmetic composition as claimed in claim 28, wherein R^7 is NR^5R^6, and R^5 and R^6 are as defined in claim 28.

30. (New) A cosmetic or pharmaceutical composition comprising at least one compound of the formula I



(I)

in which

R^1 is selected from:

a) $CONR^5R^6$, in which R^5 and R^6 independently of one another are H or C_1-C_6-alkyl;

b) A-$CONR^5R^6$, in which A is C_1-C_6-alkylene which is optionally substituted by C_1-C_3-alkyl-CO, and R^5 and R^6 independently of one another are H, C_1-C_6-alkyl or phenyl which is optionally substituted by one or 2 halogen atoms;

c) C_1-C_6-alkylene-R^7, where R^7 is NR^5R^6, and R^5 and R^6 independently of one another are H or C_1-C_6-alkyl;

d) C_1-C_6-alkylene-CO-R^9, where R^9 is phenyl which is optionally substituted by halogen;

e) C_1-C_6-alkylene-NR^{10}-CO-R^{11}; or

f) C_1-C_6-alkylene-NR^{10}-SO^2-R^{12};

R^{10} is H or C_1-C_6-alkyl;

R^{11} is

- naphthyl, or
- CH=CH-phenyl;

R^{12} is

- phenyl which optionally has 1, 2 or 3 substituents which independently of one another are selected from halogen, NO_2, CF_3, OC_1-C_6-alkyl, C_1-C_6-alkyl, NH_2 and $NHCOC_1$-C_3-alkyl,
- C_1-C_6-alkyl which is optionally substituted by one or two phenyl groups, or
- naphthyl;

R^2 is H, C_1-C_6-alkyl or $(CH_2)_oCOOH$;

R^3 and R^4, which can be identical or different, are H, OH, OC_1-C_6-alkyl, halogen or C_1-C_6-alkyl which is substituted by 1, 2 or 3 halogen atoms, where at least one of the radicals R^3 and R^4 is OH or OC_1-C_6-alkyl;

n is 0, 1 or 2; and

o is 0, 1, 2, 3 or 4;

and the optical isomers and physiologically tolerable salts thereof.